(19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 11 August 2005 (11.08.2005)

PCT

(10) International Publication Number WO 2005/073256 A1

(51) International Patent Classification⁷:

C08B 37/18

(21) International Application Number:

PCT/BE2005/000011

(22) International Filing Date: 28 January 2005 (28.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

04075280.0 30 January 2004 (30.01.2004) EP

- (71) Applicants (for all designated States except US): KONIN-KLIJKE COOPERATIE COSUN U.A. [NL/NL]; Cosun Park 1, NL-4818 ND Breda (NL). SOLUTIA EUROPE S.A./N.V. [BE/BE]; Chaussée de Boondael, 6, B-1050 Bruxelles (BE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): RAAIJMAK-ERS, Harry, W.C. [NL/NL]; Madeliefberg 8, NL-4708 NP Roosendael (NL). NEELEMAN, Ernst [NL/NL]; Kievitsweg 19, NL-2983 AC Ridderkerk (NL).
- (74) Agent: COLENS, Alain: Office Hanssens SPRL, Square Marie-Louise 40, bte 19, B-1000 Bruxelles (BE).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR THE MANUFACTURE OF CARBOXYALKYLINULIN

(57) Abstract: A method for the manufacture of carboxyalkylinulin is disclosed comprising preparing an aqueous medium containing dispersed therein a halogenoalkylcarboxylate, adding to the carboxylate containing medium, under substantially neutral pH conditions, an inulin followed by heating this mixture to a temperature in the range of from 60 °C to 90 °C and proceeding with the reaction at alkaline conditions, pH 8-12, while simultaneously adding additional halogenoalkylcarboxylate and alkalihydroxide. The carboxyalkylinulin so formed is recovered in a manner known per sé.